

## **Minimum Moves to Equal Array Elements – II** [\(View\)](#)

Given an integer array `nums` of size `n`, return *the minimum number of moves required to make all array elements equal*.

In one move, you can increment or decrement an element of the array by `1`.

Test cases are designed so that the answer will fit in a **32-bit** integer.

### **Example 1:**

**Input:** `nums = [1,2,3]`

**Output:** `2`

**Explanation:**

Only two moves are needed (remember each move increments or decrements one element):

`[1,2,3] => [2,2,3] => [2,2,2]`

### **Example 2:**

**Input:** `nums = [1,10,2,9]`

**Output:** `16`

### **Constraints:**

- `n == nums.length`
- `1 <= nums.length <= 105`
- `-109 <= nums[i] <= 109`